

**BellSouth Telecommunications, Inc.**  
**NCUC Docket Number P-140 SUB 50**

**Exhibit Number WKM-10 \_\_\_\_\_**

**Page 1 of 1**

**Table showing results of BellSouth's study of Line Class Code  
consumption as a result of selective routing**

| <b>Switch type</b>                 | <b>BellSouth<br/>switches in<br/>North Carolina<br/>exhausted<br/>based on LCC<br/>capacity with<br/>BellSouth plus<br/>one ALEC</b> | <b>BellSouth<br/>switches in<br/>North Carolina<br/>exhausted<br/>based on LCC<br/>capacity with<br/>BellSouth plus<br/>two ALECs</b> | <b>BellSouth<br/>switches in<br/>North Carolina<br/>exhausted<br/>based on LCC<br/>capacity with<br/>BellSouth plus<br/>five ALECs</b> | <b>BellSouth<br/>switches in<br/>North Carolina<br/>exhausted<br/>based on LCC<br/>capacity with<br/>BellSouth plus<br/>eight ALECs</b> |
|------------------------------------|--|---|--|---|
| <b>1AESS</b>                       | <b>100%</b>  | <b>100%</b>   | <b>100%</b>  | <b>100%</b>   |
| <b>5ESS</b>                        | <b>13%</b>   | <b>25%</b>  | <b>42%</b>   | <b>67%</b>  |
| <b>DMS-100 and<br/>DMS-100/200</b> | <b>19%</b>   | <b>52%</b>  | <b>100%</b>  | <b>100%</b>   |
| <b>TOTAL</b>                       | <b>20%</b>   | <b>43%</b>  | <b>74%</b>   | <b>85%</b>  |

**BellSouth Telecommunications, Inc.**

**Docket No. 96-358-C**

**Exhibit Number WKM-8 \_\_\_\_\_**

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**Table showing results of BellSouth's study of Line Class Code consumption as a result of selective routing.**

**NOTE: Assumes capacities of 4096 Line Class Codes in the 5ESS switches and 1024 Line Class Codes in the DMS-100 and DMS-100/200 switches.**

| <b>Switch type</b>             | <b>BellSouth switches in South Carolina exhausted based on LCC capacity with BellSouth plus one ALEC</b> | <b>BellSouth switches in South Carolina exhausted based on LCC capacity with BellSouth plus two ALECs</b> | <b>BellSouth switches in South Carolina exhausted based on LCC capacity with BellSouth plus five ALECs</b> | <b>BellSouth switches in South Carolina exhausted based on LCC capacity with BellSouth plus eight ALECs</b> |
|--------------------------------|--|---|--|---|
| <b>5ESS</b>                    | <b>29%</b>   | <b>63%</b>  | <b>100%</b>  | <b>100%</b>   |
| <b>DMS-100 and DMS-100/200</b> | <b>39%</b>   | <b>97%</b>  | <b>100%</b>  | <b>100%</b>   |
| <b>TOTAL</b>                   | <b>35%</b>   | <b>82%</b>  | <b>100%</b>  | <b>100%</b>   |

**Table showing results of BellSouth's study of Line Class Code consumption as a result of selective routing**

**NOTE: Assumes capacities of 8000 Line Class Codes in the 5ESS switches and 2048**

**Line Class Codes in the DMS-100 and DMS-100/200 switches.**

| <b>Switch type</b>             | <b>BellSouth switches in South Carolina exhausted based on LCC capacity with BellSouth plus one ALEC</b> | <b>BellSouth switches in South Carolina exhausted based on LCC capacity with BellSouth plus two ALECs</b> | <b>BellSouth switches in South Carolina exhausted based on LCC capacity with BellSouth plus five ALECs</b> | <b>BellSouth switches in South Carolina exhausted based on LCC capacity with BellSouth plus eight ALECs</b> |
|--------------------------------|--|---|--|---|
| <b>5ESS</b>                    | <b>0%</b>  | <b>33%</b>  | <b>71%</b>   | <b>100%</b>   |
| <b>DMS-100 and DMS-100/200</b> | <b>3%</b>  | <b>23%</b>  | <b>97%</b>   | <b>100%</b>   |
| <b>TOTAL</b>                   | <b>2%</b>  | <b>27%</b>  | <b>86%</b>   | <b>100%</b>   |

**BellSouth Telecommunications, Inc.  
Tennessee Docket Number 96-01152**

**Exhibit Number WKM-13**

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**Table showing results of BellSouth's study of Line Class Code  
consumption as a result of selective routing**

| <b>Switch type</b>                 | <b>BellSouth<br/>switches in<br/>Tennessee<br/>exhausted<br/>based on LCC<br/>capacity with<br/>BellSouth plus<br/>one ALEC</b> | <b>BellSouth<br/>switches in<br/>Tennessee<br/>exhausted<br/>based on LCC<br/>capacity with<br/>BellSouth plus<br/>two ALECs</b> | <b>BellSouth<br/>switches in<br/>Tennessee<br/>exhausted<br/>based on LCC<br/>capacity with<br/>BellSouth plus<br/>five ALECs</b> | <b>BellSouth<br/>switches in<br/>Tennessee<br/>exhausted<br/>based on LCC<br/>capacity with<br/>BellSouth plus<br/>eight ALECs</b> |
|------------------------------------|---|--|---|--|
| <b>5ESS</b>                        | <b>59%</b>  | <b>76%</b>   | <b>100%</b>   | <b>100%</b>  |
| <b>DMS-100 and<br/>DMS-100/200</b> | <b>63%</b>  | <b>100%</b>  | <b>100%</b>   | <b>100%</b>  |
| <b>TOTAL</b>                       | <b>60%</b>  | <b>85%</b>   | <b>100%</b>   | <b>100%</b>  |

## Attachment II

## Number Portability Administration Center (NPAC) System and Center Readiness Limited Liability Company (LLC) Reports As of October 15, 1997

### Milestones

|  | Northeast |          | Mid-Atlantic |          | Southeast |          | Southwest |          | Midwest  |         | Western  |          | West Coast |          |
|--|-----------|----------|--------------|----------|-----------|----------|-----------|----------|----------|---------|----------|----------|------------|----------|
|  | Start     | Finish   | Start        | Finish   | Start     | Finish   | Start     | Finish   | Start    | Finish  | Start    | Finish   | Start      | Finish   |
| 1. NPAC Data Center Operational        | Complete  |          | Complete     |          | Complete  |          | Complete  |          | Complete |         | Complete |          | Complete   |          |
| 2. Interoperability Testing            | 5-15-97   | 8-3-97   | 5-26-97      | 8-4-97   | 9-13-97   | 10-12-97 | 5-15-97   | 8-3-97   | 11-23-96 | 5-21-97 | 9-13-97  | 10-12-97 | 9-13-97    | 10-12-97 |
| 3. Turn-up Testing                     | 5-30-97   | 9-18-97  | 7-28-97      | 9-10-97  | 9-22-97   | 10-12-97 | 9-29-97   | 11-19-97 | 5-19-97  | 7-25-97 | 9-22-97  | 10-12-97 | 9-22-97    | 10-12-97 |
| 4. SP to SP NPAC Testing               | 9-29-97   | 10-16-97 | 9-11-97      | 9-26-97  | 10-13-97  | 12-14-97 | 11-20-97  | 12-5-97  | 7-25-97  | 8-7-97  | 10-13-97 | 12-14-97 | 10-13-97   | 12-14-97 |
| 5. NPAC Ready for Intercompany Testing | 10-25-97  | 10-25-97 | 10-5-97      | 10-5-97  | 12-15-97  | 12-15-97 | 1-19-98   | 1-19-98  | 8-10-97  | 8-10-97 | 12-15-97 | 12-15-97 | 12-15-97   | 12-15-97 |
| 6. Intercompany Testing                | 10-27-97  | 11-29-97 | 10-6-97      | 10-28-97 | TBD       | TBD      | 1-20-98   | 3-20-98  | 8-11-97  | 9-26-97 | TBD      | TBD      | TBD        | TBD      |
| 7. Begin Commercial Porting            | 11-30-97  | 11-30-97 | 10-30-97     | 10-30-97 | TBD       | TBD      | 3-31-98   | 3-31-98  | 11-3-97  | 11-3-97 | TBD      | TBD      | TBD        | TBD      |
| 8. Additional SP Added                 | TBD       | TBD      | TBD          | TBD      | TBD       | TBD      | TBD       | TBD      | TBD      | TBD     | TBD      | TBD      | TBD        | TBD      |
| 9. Jeopardy Issues                     | None      |          | None         |          | None      |          | None      |          | None     |         | None     |          | None       |          |

### Milestone Definitions

1. NPAC Data Center Operational - NPAC vendor data centers available to begin testing with Service Providers (SPs); all hardware, software, circuits, and personnel subsystems in place.
2. Interoperability Testing - Tests conducted by the Service Order Administration (SOA) developers and the Local Service Management System (LSMS) developers in conjunction with the NPAC to test and verify SOA and LSMS interfaces with the NPAC.
3. Turn-up Testing - Tests conducted by an individual SP in conjunction with the NPAC to comprehensively test SP SOA and LSMS functionality with the NPAC.
4. SP to SP NPAC Testing - Tests conducted by pairs of SPs in conjunction with the NPAC to comprehensively test and verify each SPs SOA and LSMS interface and interaction with the NPAC (does not include tests of network elements).
5. NPAC Ready for Intercompany Testing - Vendor ready to begin intercompany tests.
6. Intercompany Testing - Tests between SPs including tests of network elements. The tests include the same activities performed during the field trial conducted in the Midwest region from 8-11-97 through 9-26-97.
7. Begin Commercial Porting - NPAC and SPs ready to begin live porting.
8. Additional SP Added - Another SP not involved in initial testing begins live porting.

9. **Jeopardy Issues - Any situation that will preclude completion of a milestone by the finish date.**

## Number Portability Administration Center (NPAC) System and Center Readiness Limited Liability Company (LLC) Reports As of November 17, 1997

### Milestones

|  | Northeast |          | Mid-Atlantic |          | Southeast |          | Southwest |          | Midwest   |          | Western  |          | West Coast |          |
|--|-----------|----------|--------------|----------|-----------|----------|-----------|----------|-----------|----------|----------|----------|------------|----------|
|  | Start     | Finish   | Start        | Finish   | Start     | Finish   | Start     | Finish   | Start     | Finish   | Start    | Finish   | Start      | Finish   |
| 1. NPAC Data Center Operational        | Complete  |          | Complete     |          | Complete  |          | Complete  |          | Complete  |          | Complete |          | Complete   |          |
| 2. Interoperability Testing            | 5-15-97   | 8-3-97   | 5-26-97      | 8-4-97   | 9-13-97   | 10-12-97 | 5-15-97   | 8-3-97   | 11-23-96  | 5-21-97  | 9-13-97  | 10-12-97 | 9-13-97    | 10-12-97 |
| 3. Turn-up Testing                     | 5-30-97   | 9-18-97  | 7-28-97      | 9-10-97  | 9-22-97   | 10-12-97 | 9-29-97   | 11-19-97 | 5-19-97   | 7-25-97  | 9-22-97  | 10-12-97 | 9-22-97    | 10-12-97 |
| 4. SP to SP NPAC Testing               | 9-29-97   | 10-16-97 | 9-11-97      | 9-26-97  | 10-13-97  | 12-14-97 | 11-20-97  | 12-5-97  | 7-25-97   | 8-7-97   | 10-13-97 | 12-14-97 | 10-13-97   | 12-14-97 |
| 5. NPAC Ready for Intercompany Testing | 10-25-97  | 10-25-97 | 10-5-97      | 10-5-97  | 10-15-97  | 12-15-97 | 1-19-98   | 1-19-98  | 8-10-97   | 8-10-97  | 12-15-97 | 12-15-97 | 12-15-97   | 12-15-97 |
| 6. Intercompany Testing                | 10-27-97  | 11-29-97 | 10-6-97      | 10-28-97 | 10-15-97  | 1-30-98  | 1-20-98   | 3-20-98  | 8-11-97   | 9-26-97  | TBD      | TBD      | TBD        | TBD      |
| 7. Begin Commercial Porting            | 11-30-97  | 11-30-97 | 10-30-97     | 10-30-97 | 12-98     | 2-2-98   | 3-31-98   | 3-31-98  | 11-24-97* | 11-24-97 | TBD      | TBD      | TBD        | TBD      |
| 8. Additional SP Added                 | TBD       | TBD      | TBD          | TBD      | TBD       | TBD      | TBD       | TBD      | TBD       | TBD      | TBD      | TBD      | TBD        | TBD      |
| 9. Jeopardy Issues                     | None      |          | None         |          | None      |          | None      |          | None      |          | None     |          | None       |          |

\* Ameritech Commercial Porting on hold pending cost recovery order.

### Milestone Definitions

**NPAC Data Center Operational** - NPAC vendor data centers available to begin testing with Service Providers (SPs); all hardware, software, circuits, and personnel subsystems in place.

**Interoperability Testing** - Tests conducted by the Service Order Administration (SOA) developers and the Local Service Management System (LSMS) developers in conjunction with the NPAC to test and verify SOA and LSMS interfaces with the NPAC.

**Turn-up Testing** - Tests conducted by an individual SP in conjunction with the NPAC to comprehensively test SP SOA and LSMS functionality with the NPAC.

**SP to SP NPAC Testing** - Tests conducted by pairs of SPs in conjunction with the NPAC to comprehensively test and verify each SPs SOA and LSMS interface and interaction with the NPAC (does not include tests of network elements).

**NPAC Ready for Intercompany Testing** - Vendor ready to begin intercompany tests.

**Intercompany Testing** - Tests between SPs including tests of network elements. The tests include the same activities performed during the field trial conducted in the Midwest region from 8-11-97 through 9-26-97.

**Begin Commercial Porting** - NPAC and SPs ready to begin live porting.

**Additional SP Added** - Another SP not involved in initial testing begins live porting.



**Number Portability Administration Center (NPAC) System and Center Readiness  
Limited Liability Company (LLC) Reports As of November 17, 1997**

Jeopardy Issues - Any situation that will preclude completion of a milestone by the finish date.

# Number Portability Administration Center (NPAC) System and Center Readiness Limited Liability Company (LLC) Reports As of December 15, 1997

## Milestones

|  | Northeast |          | Mid-Atlantic |          | Southeast  |          | Southwest |          |
|--|-----------|----------|--------------|----------|------------|----------|-----------|----------|
|  | Start     | Finish   | Start        | Finish   | Start      | Finish   | Start     | Finish   |
| 1. NPAC Data Center Operational        | Complete  |          | Complete     |          | Complete   |          | Complete  |          |
| 2. Interoperability Testing            | 5-15-97   | 8-3-97   | 5-26-97      | 8-4-97   | 9-13-97    | 10-12-97 | 5-15-97   | 8-3-97   |
| 3. Turn-up Testing                     | 5-30-97   | 9-18-97  | 7-28-97      | 9-10-97  | 9-22-97    | 10-12-97 | 9-29-97   | 11-19-97 |
| 4. SP to SP NPAC Testing               | 9-29-97   | 10-16-97 | 9-11-97      | 9-26-97  | 10-13-97   | 12-14-97 | 11-20-97  | 12-5-97  |
| 5. NPAC Ready for Intercompany Testing | 10-25-97  | 10-25-97 | 10-5-97      | 10-5-97  | 12-15-97** | 12-15-97 | 1-19-98   | 1-19-98  |
| 6. Intercompany Testing                | 10-27-97  | 11-29-97 | 10-6-97      | 10-28-97 | 12-15-97   | 1-30-98  | 1-20-98   | 3-20-98  |
| 7. Begin Commercial Porting            | 11-30-97  | 11-30-97 | 10-30-97     | 10-30-97 | 2-2-98     | 2-2-98   | 3-31-98   | 3-31-98  |
| 8. Additional SP Added                 | TBD       | TBD      | TBD          | TBD      | TBD        | TBD      | TBD       | TBD      |
| 9. Jeopardy Issues                     | None      |          | None         |          | None       |          | None      |          |

|  | Midwest   |          | Western    |          | West Coast |          | Canada                      |        |
|--|-----------|----------|------------|----------|------------|----------|-----------------------------|--------|
|  | Start     | Finish   | Start      | Finish   | Start      | Finish   | Start                       | Finish |
| 1. NPAC Data Center Operational        | Complete  |          | Complete   |          | Complete   |          | Ready for Beta 1 Testing*** |        |
| 2. Interoperability Testing            | 11-23-96  | 5-21-97  | 9-13-97    | 10-12-97 | 9-13-97    | 10-12-97 | N/A                         | N/A    |
| 3. Turn-up Testing                     | 5-19-97   | 7-25-97  | 9-22-97    | 10-12-97 | 9-22-97    | 10-12-97 | 11/17/97***                 | TBD    |
| 4. SP to SP NPAC Testing               | 7-25-97   | 8-7-97   | 10-13-97   | 12-14-97 | 10-13-97   | 12-14-97 | TBD                         | TBD    |
| 5. NPAC Ready for Intercompany Testing | 8-10-97   | 8-10-97  | 12-15-97** | 12-15-97 | 12-15-97** | 12-15-97 | TBD                         | TBD    |
| 6. Intercompany Testing                | 8-11-97   | 9-26-97  | 12-15-97   | 2-22-98  | 1-15-97    | 2-12-98  | TBD                         | TBD    |
| 7. Begin Commercial Porting            | 11-24-97* | 11-24-97 | 2-23-98    | 2-23-98  | 2-13-97    | 3-31-97  | TBD                         | TBD    |
| 8. Additional SP Added                 | TBD       | TBD      | TBD        | TBD      | TBD        | TBD      | TBD                         | TBD    |
| 9. Jeopardy Issues                     | None      |          | None       |          | None       |          | None                        |        |

\* Ameritech Commercial Porting on hold pending cost recovery order.

\*\* The December 15, 1997, delivery date cannot be met due to Perot Systems failure to provide a stable software and hardware platform.

\*\*\* Beta 1 Testing: Pre-Production Software Testing

## Milestone Definitions

- NPAC Data Center Operational - NPAC vendor data centers available to begin testing with Service Providers (SPs); all hardware, software, circuits, and personnel subsystems in place.
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- Additional SP Added - Another SP not involved in initial testing begins live porting.
- Jeopardy Issues - Any situation that will preclude completion of a milestone by the finish date.